EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	187	(real-time adj emulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 10:26
L2	33	1 and (simulation with clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 10:32
L3	287	(simulation adj clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 10:32
L4	78	3 and (real-time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 10:32
L5	6	4 and API	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 10:36
L6	72	4 not 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 10:36
L7	17	("5375074" | "5440719" | "5794128" | "5828867" | "5832272" | "5850538" | "5956261").PN. OR ("6134514").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/27 10:46

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L8	21	("4669113" | "4792913" | "4979118" | "5197127" | "5317525" | "5440719" | "5481484" | "5537468" | "5561841" | "5583792" | "5701439" | "5794005" | "5809282" | "5828867" | "5881237" | "6081843" | "6134514" | "6393386" | "6442141" | "6466925").PN. OR ("6820042"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/27 11:15
L9	18	(opnet and technologies).as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 11:40
L10	3315	(event with clock) and real-time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:41
L11	202	(event with (call adj back)) and real-time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:41
L12	0	11 and (real-time adj simulator)	USPAT	OR	OFF	2007/02/27 11:42
L13	0	11 and (real-time with simulator)	USPAT	OR	OFF	2007/02/27 11:42
L14	0	11 and (real-time with simulat$5)	USPAT	OR	OFF	2007/02/27 11:42
L15	25	11 and real-time and simulat$5	USPAT	OR	ON	2007/02/27 11:42

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S1	1	("6820042").PN.	USPAT	OR	OFF	2007/02/27 12:55
S2	0	S1 and (simulation adj clock)	USPAT	OR	OFF	2007/02/27 12:54
S3	0	S1 and (simulation with clock)	USPAT	OR	OFF	2007/02/27 12:54
S4	65	continuous and (real-time or (real adj time)) and simulator and synchronization and clock and event and advancing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 12:57

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1 Duration calculus in COOZ

Xiaodong Yuan, Jiajun Chen, Guoliang Zheng

May 1998 **ACM SIGSOFT Software Engineering Notes**, Volume 23 Issue 3

Publisher: ACM Press

Full text available: pdf(106.53 KB) Additional Information: full citation, index terms

2 Microarchitecural techniques for power reduction: Improved clock-gating through transparent pipelining

Hans M. Jacobson

August 2004 **Proceedings of the 2004 international symposium on Low power electronics and design ISLPED '04**

Publisher: ACM Press

Full text available: pdf(97.40 KB) Additional Information: full citation, abstract, references, index terms

This paper re-examines the well established clocking principles of pipelines. It is observed that clock gating techniques that have long been assumed optimal in reality produce a significant amount of redundant clock pulses. The paper presents a new theory for optimal clocking of synchronous pipelines, presents practical implementations and evaluates the clock power benefits on a multiply/add-accumulate unit design. Transistor level simulations show that dynamic clock power dissipation can be re ...

Keywords: adaptive pipeline depth, circuits, clock gating, dynamic pipeline scaling, high performance, low power, microarchitecture, optimal pipeline clocking, pipeline stage unification, transparent pipeline

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1 Looking ahead of real time in Hybrid component networks

Kaixin Xu, Mineo Takai, Jay Martin, Rajive Bagrodia

May 2001 **Proceedings of the fifteenth workshop on Parallel and distributed simulation PADS '01**

Publisher: IEEE Computer Society

Full text available: pdf(677.85 KB) Publisher Site

Additional Information: full citation, abstract, references, citings, index terms

While network simulation is a widely used technique for developing, testing and evaluating network protocols and applications, it is difficult and time-consuming to develop detailed models of the entire protocol stack and the application that is being evaluated. Hybrid component networks combine simulation models of protocols and applications with physical implementations of other protocols and/or applications, which can alleviate modeling complexity and build accurate models. However, hyb ...

2 Requirements for transitioning business process simulation models to real-time operational systems

Peter Floss

December 1997 **Proceedings of the 29th conference on Winter simulation WSC '97**

Publisher: ACM Press, IEEE Computer Society

Full text available: pdf(475.84 KB)

Additional Information: full citation, references, index terms

3 Simulation-based real-time scheduling: review of recent developments

Catherine M. Harmonosky

December 1995 **Proceedings of the 27th conference on Winter simulation WSC '95**

Publisher: ACM Press, IEEE Computer Society

Full text available: pdf(606.30 KB)

Additional Information: full citation, abstract, references, citings, index terms

With increased usage of computer monitoring of the factory has come increased industrial and academic interest in developing more science-based real-time scheduling techniques. Simulation, best known for its application during system design or modification, is also being considered for use on day-to-day scheduling problems. This paper reviews recent developments using simulation as a tool in real-time scheduling.

4

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Wireless network emulation for distributed processing systems - group of 2 »
RJ Wellington, MD **Kubischta** - Military Communications Conference, 2003. MILCOM 2003. IEEE, 2003 - ieeexplore.ieee.org
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… A Gonidec, P Grafstrom, W **Kubischta**, V Marzulli, G … - Eur. Phys. J. C, 1999 - publish.edpsciences.org
... In this **simulation** exactly two reconstructed tracks hit the hodoscope in two diagonally opposite quadrants and the energy in the calorimeter was greater than ...
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[PS] Search for the decay KS→ π
… , G Govi, P Grafström, W **Kubischta**, A Lacourt, M … - Physics Letters B, 2001 - hep.fi.infn.it
... channel. A detector **simulation** based on Geant 3.21 [7] was used throughout this analysis. 3. Data analysis 3.1. Event selection ...
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… , G Govi, P Grafstrom, W **Kubischta**, A Lacourt, A … - Arxiv preprint hep-ex/0410065, 2004 - arxiv.org
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… , B Gorini, P Grafstrom, W **Kubischta**, A Lacourt, I … - Arxiv preprint hep-ex/0408053, 2004 - arxiv.org

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1 Priority assignment in real-time active databases

Rajendran M. Sivasankaran, John A. Stankovic, Don Towsley, Bhaskar Purimetla, Krithi Ramamritham

January 1996 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 5 Issue 1

Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(634.63 KB) Additional Information: full citation, abstract, citings, index terms

Active databases and real-time databases have been important areas of research in the recent past. It has been recognized that many benefits can be gained by integrating real-time and active database technologies. However, not much work has been done in the area of transaction processing in real-time active databases. This paper deals with an important aspect of transaction processing in real-time active databases, namely the problem of assigning priorities to transactions. In these systems, tim ...

Keywords: Active databases - Coupling mode - Deadlines - ECA - Priority assignment - Real-time databases

2 Investigation of non-interference real-time debugging through bus cycle simulation and interpretation

T. R. Cahall, K. Y. Fang

December 1987 **Proceedings of the 1987 Fall Joint Computer Conference on Exploring technology: today and tomorrow ACM '87**

Publisher: IEEE Computer Society Press

Full text available: pdf(777.10 KB) Additional Information: full citation, abstract, references, index terms

In the recent decade, software development and debugging advancements have been greatly outpaced by the advancements in hardware design and integration. The largest portion of time spent in software development is testing and debugging. Symbolic debuggers, syntax directed editors, and high level language oriented breakpoint systems have helped reduce the time spent by software developers in debugging their programs. This is not the case for timing and load sensitive real-time software. Conv ...

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Claude Cadoz, Annie Luciani, Jean-Loup Florens, Nicolas Castagné

May 2003 **Proceedings of the 2003 conference on New interfaces for musical**

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Mobile Computing, IEEE Transactions on
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Sen, S.; Jawanda, J.; Basu, K.; Das, S.;
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE
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☐ 4. **A novel mobility model and resource reservation strategy for multimedia networks**
Hoang Nam Nguyen; Olariu, S.; Todorova, P.;
Wireless Communications and Networking Conference, 2002. WCNC2002. 20
Volume 2, 17-21 March 2002 Page(s):832 - 836 vol.2
Digital Object Identifier 10.1109/WCNC.2002.993376
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☐ 5. **QoS analysis in mobile cellular networks supporting voice and class of fi**
Mahdavi, M.; Edwards, R.M.; Ivey, P.A.;
Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th
Volume 4, 7-11 Oct. 2001 Page(s):2692 - 2697 vol.4

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